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Application Number	10/812,349-Conf. #2684
Filing Date	March 30, 2004
First Named Inventor	Tomoo lijima
Art Unit	2814
Examiner Name	T. X. Le
Attorney Docket Number	SOCKET 3.0-003

I hereby r	evoke all p	previous po	wers of attorn	ney giv	en in t	he abo	ve-identified ap	pplication	on.	
A F	Power of A	ttorney is s	ubmitted here	with.						-
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		11.	SIGNATURE	of Ap	plican	t or As	signee of Rec	ord	-	
Signature		tools	1/5	#						
Name	Chris	topher M.	Pickett						_	
Date	8	3/8/05	····				Telephone		(40	08) 894-0700
	NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.									
	*Total of	1	forms are sub	mitted.						

AUG 1 9 2005

PTO/SB/96 (09-04)
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	STATEMENT UND	ER 37 CFR 3.7	<u>3(b)</u>
Applicant/Patent Owner:	Tomoo lijima, Kimitaka Endo Takashi Kato	, Kazuo Ikenaga, H	iroshi Odaira, Naoto Minari, and
Application No./Patent No.	:10/812,349	Filed/Issue Date:	March 30, 2004
WIRING CIRC AND CIRCUIT		NG METHOD FOR	THE WIRING CIRCUIT BOARD,
Socketstra (Name of Assignee)	ate, Inc. , a	e of Assignee, e.g., corporat	Corporation ion, partnership, university, government agency, etc.)
states that it is:	(1)		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
1. X the assignee of	the entire right, title, and intere	est; or	
2. an assignee of l	ess than the entire right, title a	nd interest.	
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	-		identified above. The assignment
was recorded in the	ne United States Patent and Tr	rademark Office at I	
Frame	, or for which a copy t	thereof is attached.	
		t application/patent	identified above, to the current
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	cords of the USPTO. See MP	~	
The undersigned (whose t	itle is supplied below) is author	rized to act on beha	If of the assignee
Many	Treasure		8/8/05
	Signature		Date
	istopher M. Pickett		408-894-0700
	ted or Typed Name		Telephone Number
Ser	nior Vice President		
	Title		





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ARMSTRONG, KRATZ, QUINTOS, HANSON & BROO 1725 K STREET, NW SUITE 1000 WASHINGTON, DC 20006

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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS). DOCKET NUMBER: 040158

ASSIGNOR:

IIJIMA, TOMOO

DOC DATE: 06/16/2004

ASSIGNOR:

ENDO, KIMITAKA

DOC DATE: 06/16/2004

ASSIGNOR:

IKENAGA, KAZUO

DOC DATE: 06/16/2004

ASSIGNOR:

ODAIRA, HIROSHI

DOC DATE: 06/16/2004

ASSIGNOR:

MINARI, NAOTO

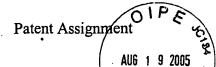
DOC DATE: 06/16/2004

ASSIGNOR:

KATO, TAKASHI

DOC DATE: 06/16/2004

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PATENT ASSIGNMENT

Electronic Version v07
Stylesheet Version v02

SUBMISSION TYPE:	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:	ASSIGNMENT OF ASSIGNOR'S INTEREST			

CONVEYING PARTY DATA

Name	Execution Date
Tomoo IIJIMA	2004-06-16
Kimitaka ENDO	2004-06-16
Kazuo IKENAGA	2004-06-16
Hiroshi ODAIRA	2004-06-16
Naoto MINARI	2004-06-16
Takashi KATO	2004-06-16

RECEIVING PARTY DATA

Name	Street Address	Internal Address	City	State/Country	Postal Code
IINORTH	32-1, Minami- Otsuka 3-chome, Toshima-ku,		Tokyo	JAPAN	170-0005

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number	10812349	

CORRESPONDENCE DATA

FAX NUMBER: 2028870357

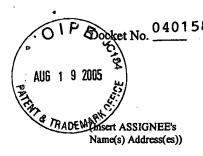
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.

CUSTOMER NUMBER: 023850

NAME OF PERSON SIGNING:	William G. Kratz Jr.
DATE SIGNED:	2004-06-23

Total Attachments: 1 source=A040158.tif





U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by NORTH CORPORATION

32-1, Minami-Otsuka 3-chome, Toshima-ku, Tokyo 170-0005 Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled:

(Title of Invention)

wiring circuit board, manufacturing method for the wiring circuit board, and circuit module

(*If the assignment is being filed after the filing of the application, this section must be completed) for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

03/30/2004 10/812,349

* filed on _____, Serial No. _____

(Armstrong, Kratz, Quintos, Hanson & Brooks, LLP is hereby authorized to insert the serial code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

Tomos Qivima	Tomoo IIJIMA	06/16/2004
(Signature)	(Type Name)	(Date)
kimitaka Endo	Kimitaka ENDO	06/16/2004
(Signature)	(Type Name)	(Date)
Kaguo Shenaga (Signature)	Kazuo IKENAGA	06/16/2004
(Signature)	(Type Name)	(Date)
Hirochi Odaira	Hiroshi ODAIRA	06/16/2004
(Signature)	(Type Name)	(Date)
Marto Minari	Naoto MINARI	06/16/2004
(Signature)	(Type Name)	(Date)
Takashi Kato	Takashi KATO	06/16/2004
(Signature)	(Type Name)	(Date)



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Form PTO-1595 (Rev. 09/ 04) OMB No. 0651-0027 (exp. 6/30/

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sheet, attachments, and documents:

United States Patent and Trademark Office 2005) RECORDATION FORM COVER SHEET PATENTS ONLY To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. Name of conveying party(ies)/Execution Date(s): 2. Name and address of receiving party(les) NORTH CORPORATION SOCKETSTRATE, INC. Name: Internal Address: Street Address: Execution Date(s): May 31, 2005 x No Yes Additional name(s) of conveying party(ies) attached? 3099 ORCHARD DRIVE 3. Nature of Conveyance: Merger x Assignment SAN JOSE Change of Name City:_ Security Agreement **CALIFORNIA** Government Interest Assignment State: Country: United States of America Zip: 95134 Executive Order 9424, Confirmatory License Additional name(s) & address(es) x No Other attached: This document is being filed together with a new application. 4. Application or patent number(s): B. Patent No.(s) A. Patent Application No.(s) 6,782,610 6,528,874 10/880,588 10/450,844 6,828,221 6,617,236 11/029,423 10/812,349 6,884,709 6,646,337 11/085,108 10/823,611 No Additional numbers attached? 6. Total number of applications and 5. Name and address to whom correspondence 12 patents involved: concerning document should be mailed: Daryl K. Neff LERNER, DAVID, LITTENBERG, 7. Total fee (37 CFR 1.21(h) & 3.41) \$ KRUMHOLZ & MENTLIK, LLP Authorized to be charged by credit card Internal Address: Atty. Dkt.: Socket 5.2-001 Authorized to be charged to deposit account . Street Address: 600 South Avenue West **Enclosed** None required (government interest not affecting title) 8. Payment Information Westfield City: Last 4 Numbers 07090 a. Credit Card Zip: State: **Expiration Date** (908) 518-6396 Phone Number: 12-1095 b. Deposit Account Number (908) 654-7866 Fax Number: Authorized User Name Daryl K. Neff dneff@ldlkm.com Email Address: 9. Signature: July 22, 2005 Signature Total number of pages including cover Daryl K. Neff - 38,259

Name of Person Signing

ASSIGNMENT

Docket Number (Optional)

Socket 5.2-001

WHEREAS, North Corporation, a corporation organized under the laws of Japan, having a place of business at 32-1, Minami-Otsuka 3-chome, Toshima-ku, Tokyo, Japan, is the sole and exclusive owner, by assignment, of the patent applications and Letters Patents of the United States of America listed on the attached Exhibit A-1 (the "U.S. Patent Assets"):

WHEREAS, Socketstrate, Inc., a corporation of the State of Delaware, located and doing business at 3099 Orchard Drive, San Jose, California 95134 is desirous of acquiring the right, title and interest in, to and under said Letters Patents and the invention covered thereby;

NOW, THEREFORE, in consideration of and in exchange for the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, the said North Corporation has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over to the said Socketstrate, Inc., the said inventions and the Letters Patents, the same to be held and enjoyed by the same Socketstrate, Inc., for its own use and enjoyment, and for the use and enjoyment of its successors, assigns and other legal representatives, to the end of the term or terms for which said Letters Patents of the United States are granted or reissued or reexamined as fully and entirely as the same would have been held and enjoyed by the said North Corporation, if this assignment and sale had not been made, together with all claims for damages by reason of past infringement of said Letters Patents, with the right to sue for, and collect the same for its own use and behoof, and for the use and behoof of its successors, assigns, or other legal representatives.

IN WITNESS WHEREOF, North Corporation has caused these presents to be signed by its duly appointed trustee having full authority to convey its property.

And if the filing date and/or application number of any one of the U.S. Patent Assets is unknown to North Corporation and Socketstrate, Inc. at the time this Assignment is executed, I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

pated: May 31 . 2005

(Month Day)

Tomoo liiima

EXHIBIT A-1 U.S. PATENT ASSETS

Application No.	Filing Date (MM/DD/YY)	Patent No.	Issue Date (MM/ DD/YY)	First Inventor	Title
11/029,423	01/06/05		.d	ТОМОО ІІЛІМА	CONNECTING MEMBER BETWEEN WIRING FILMS, MANUFACTURING METHOD THEREOF, AND MANUFACTURING METHOD OF MULTILAYER WIRING SUBSTRATE
10/812,349	03/30/04			ТОМОО ПЛІМА	WIRING CIRCUIT BOARD, MANUFACTURING METHOD FOR THE WIRING CIRCUIT BOARD, AND CIRCUIT MODULE
10/880,588	07/01/04			ТОМОО ПЛМА	MULTILAYER WIRING BOARD FOR AN ELECTRONIC DEVICE
		6,884,709	04/26/05	ТОМОО ПЛІМА	CONNECTION MEMBER BETWEEN WIRING FILMS, MANUFACTURING METHOD THEREOF, AND MANUFACTURING METHOD OF MULTILAYER WIRING SUBSTRATE
11/085,108	03/22/05			KENJI OSAWA	INTERLAYER MEMBER USED FOR PRODUCING MULTILAYER WIRING BOARD AND METHOD OF PRODUCING THE SAME
10/450,844	06/26/03			TOMOO IIJIMA	MULTI-LAYER WIRING BOARD, METHOD FOR PRODUCING MULTI-LAYER WIRING BOARD, POLISHING MACHINE FOR MULTI-LAYER WIRING BOARD, AND METAL SHEET FOR PRODUCING WIRING BOARD
		6,528,874	03/04/03	ТОМОО ПЛІМА	WIRING CIRCUIT SUBSTRATE AND MANUFACTURING METHOD THEREOF
		6,828,221	12/07/04	ТОМОО ПЛМА	MANUFACTURING METHOD FOR WIRING CIRCUIT SUBSTRATES
		6,646,337	11/11/03	ТОМОО ПЛІМА	WIRING CIRCUIT SUBSTRATE AND MANUFACTURING METHOD THEREFOR
10/823,611	04/14/04			TOMOO IIJIMA	MANUFACTURING METHOD FOR WIRING CIRCUIT SUBSTRATE
		6,782,610	08/31/04	TOMOO IIJIMA	METHOD FOR FABRICATING A WIRING SUBSTRATE BY ELECTROPLATING A WIRING FILM ON A METAL BASE
		6,617,236	09/09/03	KENJI OSAWA	FABRICATION METHOD OF WIRING SUBSTRATE FOR MOUNTING SEMICONDUCTOR ELEMENT AND SEMICONDUCTOR DEVICE